

COUNTY OF SAN DIEGO



MSCP 1999 ANNUAL REPORT



**Department of Planning and Land Use
Multiple Species Conservation Program**

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INTRODUCTION

This is the Second Annual Habitat Tracking Report for the County of San Diego's Multiple Species Conservation Program (MSCP). The report has been prepared in accordance with Section 4.4 of the County's Subarea Plan, and Section 14.0 of the County's associated Implementing Agreement (IA). This report provides an accounting of the habitat lost and preserved from January 1, 1999 through December 31, 1999.

The County Board of Supervisors adopted the County of San Diego's Subarea Plan for the MSCP on October 22, 1997. The County's IA became effective on March 17, 1998. The IA identifies the goals, objectives and responsibilities of the signatories including the California Department of Fish and Game, the United States Fish and Wildlife Service, and the County of San Diego.

REPORT SUMMARY

The County is required, on a yearly basis, to account for the amount of habitat lost and gained within its jurisdiction. The Subarea Plan covers approximately 252,248.00 acres of land. The overall preservation goal of the County's Subarea Plan is expected to cover approximately 101,268.00 acres of land. Prior to March 17, 1998, there were approximately 62,550.67 acres (Table 1), of preservation land that was included in the Subarea Plan (Figure 1). Table 1 provides information, by vegetation type, of the amount of each type of vegetation community preserved prior to implementation of the Subarea Plan. This includes all land acquired within the Subarea, by Federal, State, or Local jurisdictions as well as land that was negotiated for preservation by private landowners within the Lake Hodges and South County Segments.

After the 1998 Annual Report, the Resource Agencies requested that the definition of baseline be modified to include only the actual acreage of lands with either existing conservation easements or lands acquired and managed as resource areas. Utilizing this revised definition, pre-1998 baseline preserve area for the County of San Diego would have included 37,086.90 acres (Table 2), a reduction of 25,463.77 acres (Figure 2). Table 2, the Summary of Habitat Losses and Gains Pre-1998, identifies by habitat type the amount of acreage preserved prior to 1998. It should be noted that the majority of the 25,463.77 acres have been designated as future preserve within the County's MSCP as negotiated between the County, the Resource Agencies, and the landowners. Conversion of these lands from Designated Open Space would require an amendment to the County's Subarea Plan.

There are several different levels of monitoring in terms of acreages conserved within the MSCP. Due to this variety of monitoring, several types of baseline acreage totals are utilized for generating reports in terms of the conservation goals of the MSCP. The first type evaluates the amount of land conserved that reaches toward the total acreage goal of 101,000 acres within the unincorporated portion of the MSCP. This is measured both by how much land has been conserved on the plan and how much has actually been preserved through plan implementation. The second type of monitoring evaluates

the acreages of habitat conserved within the Metro-Lakeside-Jamul segment of the plan in order to determine the County's compliance with the Habitat Conservation Accounting Model. The Habitat Conservation Accounting Model is a tool which is to be used so that the County, the Wildlife Agencies and the public can track, on an annual basis, whether conservation targets are being achieved within the County's Metro-Lakeside-Jamul segment of the County's MSCP Subarea Plan. Since the MSCP allows out-of-kind mitigation, some flexibility is necessary and desirable in the accounting model. Therefore, the model allows up to a 10 percent deviation from the conservation/loss ratios identified by the Wildlife Agencies. This deviation is referred to as "rough step". The "rough step" approach is intended to give the County necessary leeway in making planning decisions without jeopardizing the County's ability to ultimately satisfy our conservation commitment. In other words, the County must show through the Habitat Conservation Accounting Model that conservation is occurring in "rough step" with development that is approved within the Metro-Lakeside-Jamul segment. The third type of monitoring evaluates the acreage of land that has been acquired by the County toward its conservation goal.

Since the preparation of the County of San Diego's first annual report in 1998, changes have occurred in the reporting process. The most notable was the development of a software tool called HABITRAK to assist the local jurisdictions track their habitat gains and losses. HABITRAK is a habitat monitoring tool developed by EDAW, a private software consultant, in cooperation with California Department of Fish and Game, the United States Fish and Wildlife Service, the San Diego Association of Governments (SANDAG), the City of San Diego, and the County of San Diego. The tool is an extension of an Arcview geographic information system (GIS) that is used to enter digital parcel data for projects located within the MSCP boundaries. It can also be used to update project level vegetation data, modify preserve boundaries, and calculate habitat gains and losses.

The HABITRAK tool was developed to allow ease of data entry and reporting to aid in the implementation and monitoring of the MSCP habitat preserve. The tool generates tabular, digital, and cartographic output to use in planning and reporting that is consistent between all participating agencies.

This report accounts for habitat loss and conservation within the Subarea Plan associated with the following types of development projects between January 1 and December 31, 1999:

1. Private Projects (TM/TPM's) that have Final Map Approval.
2. Projects that have been issued Grading Permits.
3. Building Permits exempt from the Biological Mitigation Ordinance (BMO).
4. New agricultural clearing exempt from the BMO.
5. Lands acquired by the County or other governmental agency for Preservation Purposes.
6. Approved Mitigation Bank Lands with *at least* one credit utilized and Non-Approved Mitigation Banks.

New to the report this year is a discussion of monitoring and funding sources that are utilized by the County to meet its MSCP implementation obligations.

To begin, the terms *gain* and *loss* will be used to describe habitat preserved (gain) and habitat developed or removed (loss). Habitat losses may also be referred to as *take* areas. During the 1999 accounting period, 3,905.40 acres of gain and 419.40 acres of loss were identified (Table 3). Starting in 1999, any project that was located in an area of habitat that was defined as *100 percent developed* were not included in the Habittrak analysis.

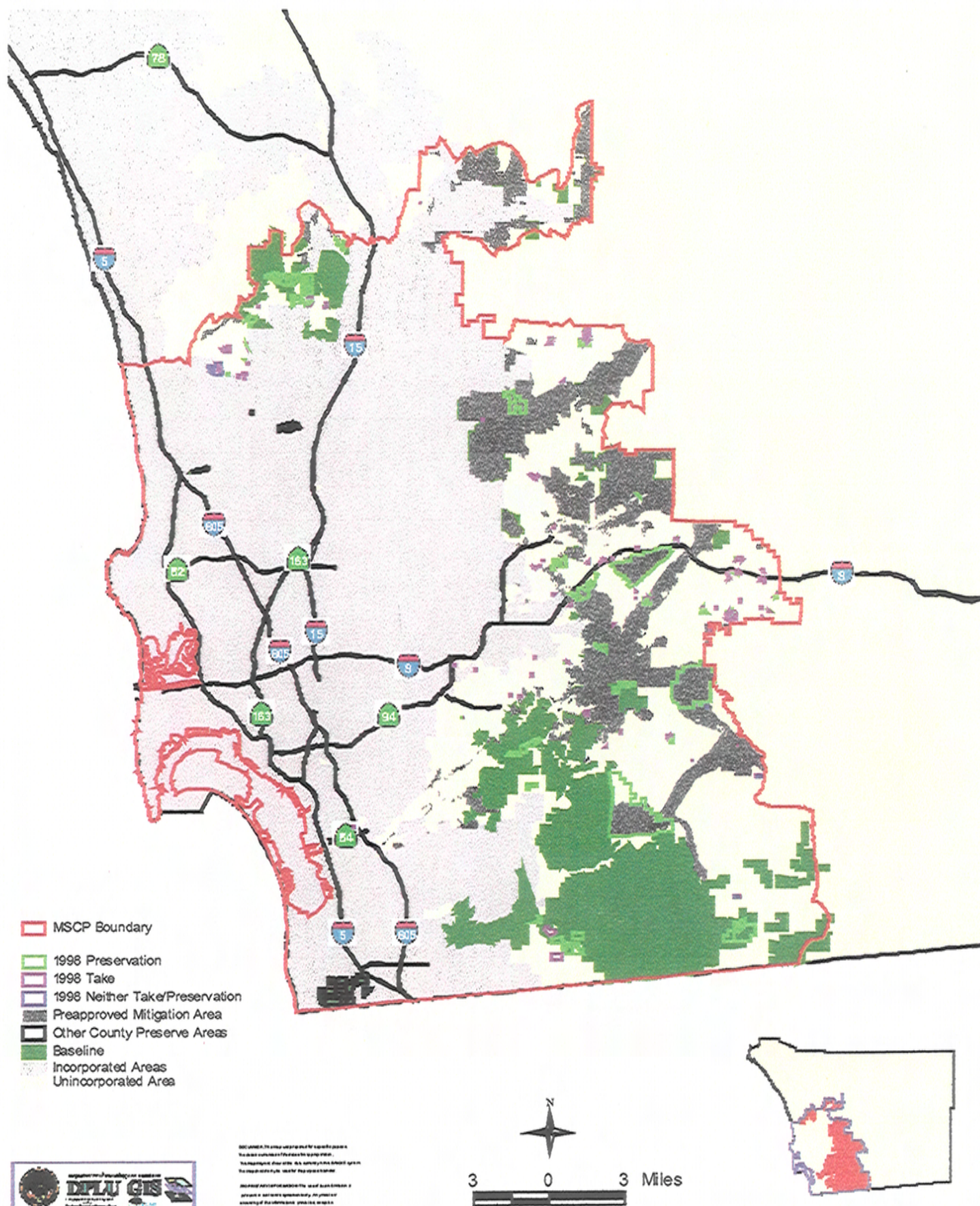
Also not included in the report totals are projects that were located in areas that are considered to be *urban*. The term urban refers to land that has already been developed or disturbed by human activity. However, projects that consist of urban and natural habitats are included in Habittrak. In addition to the amount of habitat conserved within the identified preserve area; the County acquired an additional 1,382.80 acres of habitat via purchases and by securing open space easements in areas outside of the pre-approved mitigation/preserve areas. This additional amount does not presently count towards the County's MSCP conservation goals. The additional acres of preserve outside the planned preserve area can only be included in the County goals through an amendment to the MSCP. Based on the strategic location of some of these preserved acres, it would be beneficial to include them in the identified pre-approved mitigation/preserve area. The County has considered applying for an amendment to include some of these areas.

As of 1999, there have been two amendments to the MSCP preserve that have been approved. These areas included the Rancho Cielo project located in the Lake Hodges Segment and Wright's Field of the Metro-Jamul-Lakeside segment in the community of Alpine. The Rancho Cielo amendment involved take authorized and preserve areas while the Wright's Field has been included in the Pre-approved Mitigation Area for the Metro-Lakeside-Jamul segment. Future reports will identify amendments to the MSCP preserve area including transfer of responsibility for portions annexed by the City of Chula Vista as well as inclusion of Daley Ranch and Crestridge acquisitions.

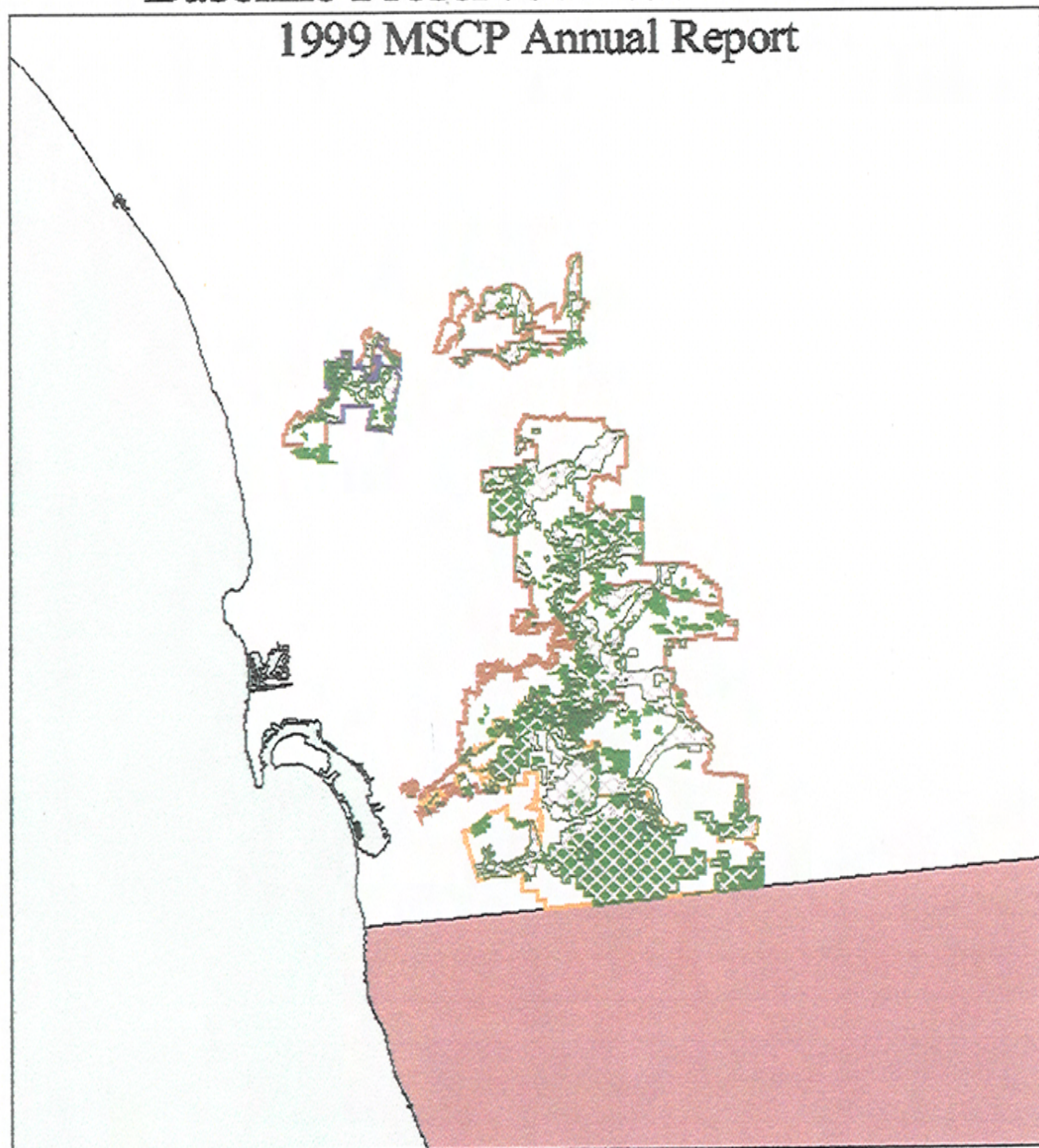
Cumulatively (Pre-1998 through 1999), 1003.30 acres of loss were identified while 46,763.70 acres of gain were delineated, along with 5,707.20 acres of preservation outside the pre-approved mitigation/preserve areas (Figure 3). Yearly additions to the preserve area are highlighted in Figure 3.

The IA identifies that the goal of the Subarea Plan is to create a 101,268-acre preserve across the entire MSCP Subarea. The Subarea Plan is comprised of three separate segments: Lake Hodges, South County, and Metro-Lakeside-Jamul.

County of San Diego MSCP Subarea **FIGURE 1.**



Baseline Preserve Areas - Revised 1999 MSCP Annual Report



- Habitat Preserve
- 1997 Projects
- Gain
- Segments
- Lake Hodges Segment
- Metro-Lakeside-Jamul Segment
- South County Segment

Figure 2



The Lake Hodges and South County segments include hard-line preserve areas. The preserve areas within these two segments were designated through negotiations between several private property owners, the Resource Agencies, and the County prior to adoption of the MSCP. Preserve areas within the Metro-Lakeside-Jamul segment of the County's MSCP are being assembled through project compliance with the County's MSCP and the BMO or through acquisition by local, state, or federal government. Acquisitions will be obtained only from willing sellers.

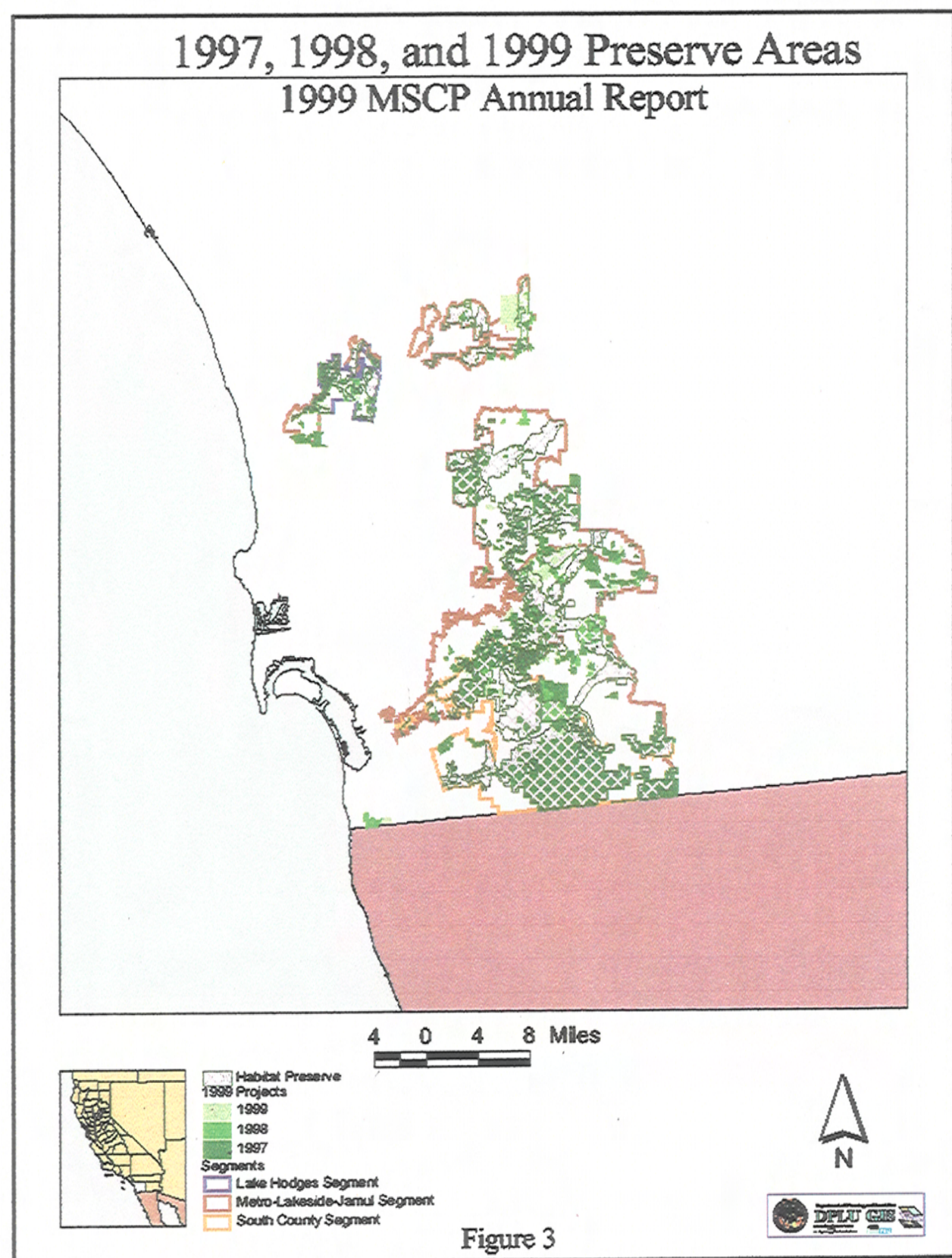
Metro-Lakeside-Jamul Segment

Metro-Lakeside-Jamul is the largest of the three segments. It covers approximately 172,952 acres of land, of which, 115,241 acres are considered natural and having habitat value. The preserve area planned for this segment will include approximately 44,764 acres of land.

Within the Metro-Lakeside-Jamul segment, the preserve will be assembled through land acquisition and specific mitigation requirements for individual projects. These projects must be consistent with the mitigation requirements set forth in the MSCP, the Subarea Plan, and the County's BMO.

The Pre-approved Mitigation Area includes the major biological core and linkage areas in the Metro-Lakeside-Jamul segment and therefore, approximates the ultimate location of the Preserve for this area. Lands preserved outside of the Pre-approved Area will not be counted towards the County's preserve requirements unless the Wildlife Agencies and the County agree that such areas provide equivalent and acceptable Core and Linkage preserve values.

As of December 31, 1999, the Habitat Conservation Accounting Model (Table 4) identified approximately 15,296.98 acres of habitat preserved within Metro-Lakeside-Jamul segment. Of this amount, 3,905.40 acres were preserved during the 1999 reporting period. A Summary of Project Losses and Gains are included as Tables 5 and 6. An additional area totaling 1,382.80 acres has been preserved outside of the Pre-approved Mitigation Area. These 1,382.80 acres of land are in addition to preserve lands counted towards the County's habitat conservation goal of 101,000 acres. Conservation of each vegetation type within the Metro-Lakeside-Jamul segment is said to be in rough step with development when the Habitat Conservation Model (Table 4) indicates that the actual cumulative loss for the current year is less than or equal to the maximum allowable impacts for the current year (see last 2 columns of Table 4). Therefore, the Habitat Conservation Accounting Model indicates that preservation of habitat is occurring in "rough step" with development in the Metro-Lakeside-Jamul segment.



CRITICAL BIOLOGICAL RESOURCES

Several critical biological resource areas identified in Section 4.2.3 of the MSCP were acquired during 1999. Critical biological resource areas are defined as having high biological value and include locations of critical populations of target species. These include several parcels on San Miguel Mountain, McGinty Mountain, Boden Canyon, and Crestridge.

LINKAGES

In addition to the above core resource areas, the County of San Diego acquired portions of several habitat linkage areas. These included approximately 101.34 acres in Lakeside, known as the Lakeside Archipelago, and 97.19 acres in the Lusardi Creek Corridor.

LAKE HODGES SEGMENT AND SOUTH COUNTY SEGMENT

The Lake Hodges segment covers approximately 8,814 acres of mostly vacant land. The preservation goal for this segment will include approximately 4,589 acres of natural habitat exclusive of ruderal and disturbed habitats. This total includes all the areas to be placed within the preserve boundaries as negotiated prior to approval of the MSCP.

The South County segment covers approximately 82,767 acres of land in the southwestern portion of the County. The preservation goal for this segment will include approximately 48,240 acres of natural habitat exclusive of ruderal and disturbed habitats. This total includes all the areas to be placed within the preserve boundaries as negotiated prior to approval of the MSCP.

Reporting of data by segment is a limitation of the HABITRAK tool. This limitation will be enhanced in future versions of the software extension. Due to this limitation, only an estimate of the cumulative conservation that has occurred within the Lake Hodges and South County Segments can be made. The total lands conserved in both the Lake Hodges and South County segments was determined by subtracting the acreage totals from the Metro-Lakeside-Jamul segment from the total conserved habitat acreage in the Habitat Conservation Model and the Summary of Habitat Loss and Gains (Tables 4 and 3). The result of this calculation determined that cumulatively there has been approximately 31,466.72 acres of land conserved within the Lake Hodges and South County segments.

MITIGATION BANKS AND GOVERNMENT PURCHASES

MITIGATION BANKS

Since the adoption of the MSCP, several Mitigation Banks have been established in the County (Table 7). There are two types of mitigation banks found throughout the County: 1) Mitigation banks that are approved by the Resource Agencies, and 2) Mitigation

banks that have yet to receive formal approval from the Resource Agencies. The major difference between these two types of banks is that approved banks are considered entirely preserved when the first credit is purchased. In the case of non-approved banks, the County only receives preservation credit at the time a conservation easement has been approved. Table 7 identifies the existing mitigation banks within the MSCP boundaries and the number of credits that have been utilized from each bank.

Several existing or proposed banks have been acquired by County, State, and Federal Agencies and will no longer be available for mitigation credits. These include the Crestridge Conservation Area, the Santa Fe Views Mitigation Bank, the Marron Valley Preserve - JV (recently acquired by the Bureau of Land Management [BLM]), the Marron Valley Preserve - Holt (in the process of being acquired by the BLM), and the Mt. Miguel Mitigation Property (deeded to the Environmental Trust).

Mitigation banks include: The Lake Hodges Mitigation Bank (Walsh), the Curren Mitigation Bank in Lakeside, the McGinty Mountain Preserve, the O'Neal Canyon Preserve Area, the San Vicente Boys and Girls Club -1, and the Upham Vernal Pool Mitigation Bank. Four mitigation banks within the MSCP are utilized by the Department of Public Works for public projects such as road improvements; these include the Singing Hills Mitigation Bank, the Sweetwater Mitigation Bank, the Rancho San Diego Conservation Area, and the Boden Canyon Bank.

GOVERNMENT PURCHASES

The Subarea Plan requires that the Governmental Agencies (Local, State, and Federal), acquire approximately 18,000 acres of land in the Metro-Lakeside-Jamul segment of the Subarea Plan. The goal for the county is to obtain approximately 9,425 acres of land with the Resource Agencies providing the other 9,425 acres.

In 1998 several properties were approved for purchase and included in the 1998 report by the County of San Diego. These properties included the Rancho Vista as well as lands within the Lakeside Linkage Area. Since these properties did not close escrow until 1999, the acquired parcels will be added the 1999 database and annual report. In the future, acquisition properties will only be included in the annual report of the reporting year in which they have completed escrow. Tables 8 through 10 identify all properties that were acquired by the County, State and Federal Agencies since the inception of the MSCP.

FEDERAL PURCHASES

Prior to 1998, the Federal Government had acquired 3,781.38 acres of land within the MSCP Subarea. These totals are included in the Pre-1998 data and are considered to be baseline totals. During 1998, the Federal Agencies acquired 1,187.50 acres and in 1999, a total of 1,067.05 acres of land were acquired. Federal purchases by year are provided in Table 8.

STATE PURCHASES

Prior to 1998, the State Government had acquired 7,244.39 acres of land within the MSCP Subarea. These totals are included in the Pre-1998 data and are considered to be baseline totals. During 1998, the State Government acquired 783.70 acres of land and in 1999, a total of 5,740.78 acres of land were acquired. State purchases by year are provided in Table 9.

COUNTY PURCHASES

In 1998, there were 300.92 acres of land acquired by the County in the Tijuana River Valley. These properties are within the City of San Diego's preserve area. County Land acquisitions in 1999 totaled 226.83 acres and included: Lusardi Creek (Rancho Vista) 97.19 acres, Lakeside (Phase I and Phase II.A) – 101.54 acres, and Tijuana River Valley (CalMat – Final) – 28.10 acres. Two others, totaling 160.02 acres were acquired by the county including: 86.09 acres of land within the Lakeside Linkage Area (Lakeside-Phase 1), and the Singing Hills Mitigation Bank totaling approximately 73.93 acres. County purchases by year are provided in Table 10.

OTHER AREAS

There are several areas of County owned land that are within other jurisdictions. Some areas worth noting include the Los Peñasquitos Canyon Preserve and the Tijuana Valley River Park. Presently the Los Peñasquitos Canyon Preserve consists of 277.38 acres and the Tijuana Valley River Park is 1,185.21 acres in size.

AGRICULTURAL EXEMPTIONS

During 1999, one agricultural exemption was issued that affected natural habitat. This exemption resulted in the loss of 5.26 acres of land. Cumulatively, the County has lost 8.64 acres of habitat to agricultural uses within the MSCP.

COUNTY MANAGEMENT AND MONITORING

The County of San Diego is obligated to manage and monitor the habitat that it acquires per requirements of the IA sections 10.9 Preserve Management and 11.0 Funding Responsibilities. The County and the Resource Agencies signed the IA on March 17, 1998. The IA required that the County prepare and submit to the Resource Agencies, a Framework Management Plan that incorporates the species-specific management actions set forth in Table 3-5 of the MSCP Plan. These actions will include adaptive management strategies as is appropriate. The County is also responsible for providing a short- and long-term funding mechanism regarding the management and monitoring of habitat acquired in the MSCP.

The County submitted a draft Framework Management Plan/Summary of Management Policies to the Resource Agencies for the County Subarea Plan in September 1998. In November 1999, comments were received from the Resource Agencies. In December 1999, the County met with the Resource Agencies to clarify the issues and identify what revisions were needed to finalize the document. Presently, the revised draft Framework Management Plan (FMP) has been provided to several stakeholder groups for their review and comments. Based upon comments received from these groups, the County will prepare and submit the final FMP to the Resource Agencies.

Until the FMP is approved, the County will provide basic stewardship of the properties that have been acquired since the implementation of the MSCP. These lands include the Tijuana River Valley Regional Park, the Lakeside Archipelago, and Lusardi Creek. This stewardship consists of regulating access, providing trail maintenance and litter removal, as well as providing outreach materials to the general public.

In addition to the FMP, the County has approved management plans for several "hard-line" preserve areas including 4S Ranch, Starwood, Golem, and Bernardo Lakes within the Lake Hodges segment. These management plans have been written to be consistent with the County's Framework Management Plans and to effectively establish the Area Specific Management Directives for these properties.

Funding measures to support adaptive management activities are included in all of these projects as "conditions of approval" with the exception of 4S Ranch. 4S Ranch provides for "stewardship management" with right of entry for the County or its agent to carry out adaptive management activities. Stewardship Management requires the property owners take responsibility for the maintenance of the open space, while monitoring becomes the responsibility of the County. The County is in partnership with the City of Chula Vista as the Preserve Owner Manager (POM) of the Otay Ranch Preserve. Currently, there has been no transfer of fee title to the POM; therefore, the Landowners are responsible for stewardship management pursuant to the Otay Ranch Plan. Upon such time as fee title is deeded to the POM, the management requirements of the Resource Management Plan I and II will be followed. As development occurs on Otay Ranch, funds will be collected through the establishment of an assessment district that will support monitoring and management activities of the POM.

The County has applied for and received approval for State Grant Funding of future monitoring activities. It is anticipated that professional staff will be hired/contracted in the fall of 2000 to carry out the majority of these monitoring activities, which will begin in the spring of 2001. These activities include monitoring of Coastal sage scrub birds in the Lakeside Linkage, sensitive plant mapping, as well as using remotely sensed aerial digital data in the Lake Hodges/Lusardi Creek Area to monitor habitat. In addition, the County anticipates transferring grant funds to the Backcountry Land Trust for the purpose of preparing a Management Plan for the Crestridge Preserve.

REGIONAL FUNDING SOURCE/COUNTY CONTRIBUTION

The County of San Diego is responsible for acquiring private lands within the Multiple Habitat Planning Area (MHPA), and for funding MHPA management, monitoring and administrative costs. The MSCP Plan intends that funds to cover these local costs will be raised on a regional, countywide or MSCP area-wide basis.

There are two methods that the County can use to ensure its compliance with the funding obligations set forth in Section 11.2 of the IA that includes short-term and long-term regional funding commitments.

In the short-term, prior to approval of a long-term regional financing mechanism, County will seek financing for the acquisition of private lands within the MHPA. Prior to the establishment of a regional financing mechanism, the County agrees to fund or ensure the costs of managing and monitoring.

The County of San Diego has responded to these funding requirements through approval of a two-year budget that includes the MSCP General Fund. The MSCP General Fund is based on fiscal year allocations. The County of San Diego fiscal year runs between July 1, and June 30 while the MSCP Annual Report is based on calendar year January 1, through December 31. The Board of Supervisors annually approves two-year budget strategies.

In 1998, the Board approved a total of \$2.0 million for the County MSCP General Fund for Fiscal Years (FY) 98-99, this included \$1.7 million for land acquisition and \$0.3 million for Management and Monitoring. In 1999, the Board approved \$3.0 million for the County MSCP General Fund for FY 99-00, this included \$2.7 million for land acquisition and \$0.3 million for Management and Monitoring. The County has approved a budget of \$5.0 million in FY 00-01 and has considered \$6.0 million in FY 01-02. The County also augments these monies with State Grant monies.

As of December 31, 1999, the County of San Diego had spent approximately \$6.3 million of County MSCP General Fund and State Grant monies. These funds were used to acquire total of 527.75 acres of land within the MSCP.

TABLE 1 - BASELINE VEGETATION TOTALS

VEGETATION TYPE	ACRES
Eucalyptus Woodland	69.14
Disturbed Wetland	25.57
Disturbed Habitat	428.21
Urban/Developed	342.49
Freshwater	23.51
Non-Vegetated Channel	148.25
General Agriculture	21.85
Orchards and Vineyards	22.22
Intensive Agriculture	0.25
Extensive Agriculture	195.60
Maritime Succulent Scrub	187.88
Diegan Coastal Sage Scrub	25,400.20
Chaparral	17,111.03
Southern Mixed Chaparral	6,499.91
Southern Granitic Mixed Chaparral	227.70
Northern Mixed Chaparral	32.33
Granitic Northern Mixed Chaparral	709.71
Chamise Chaparral	1,011.28
Maritime Chaparral	11.46
Coastal Sage-Chaparral Scrub	409.55
Valley and Foothill Grassland	619.43
Valley Needlegrass Grassland	303.51
Non-Native Grassland	1,134.69
Freshwater Seep	1.86
Cismontane Alkali Marsh	119.08
Freshwater Marsh	16.28
Coastal and Valley Freshwater Marsh	72.04
Southern Riparian Forest	210.60
Southern Coast Live Oak Riparian Forest	388.37
Southern Arroyo Willow Riparian Forest	21.69
Southern Cottonwood-Willow Riparian	15.84
Southern Sycamore-Alder Riparian Woodland	18.01
Southern Riparian Scrub	34.37
Mule Fat Scrub	7.64
Southern Willow Scrub	42.14
Tamarisk Scrub	390.68
Coast Live Oak Woodland	219.86
Dense Coast Live Oak Woodland	431.68
Open Engelmann Oak Woodland	15.24
Southern Interior Cypress Forest	5,609.52
GRAND TOTAL	62,550.67

TABLE 2

Summary of Habitat Losses and Gains

Pre-1998 Reports

Begin Period: January 1, 1980

End Period: December 31, 1997

Duration in days: 6,575

Habitat Type	Target/Net Conservation	Inside the Habitat Preserve					Outside the Habitat Preserve			
		Habitat Loss		Habitat Gain			Habitat Loss		Habitat Gain	
		Current Period	Cumulative	Current Period	Cumulative	Conserved to Date %	Current Period	Cumulative	Current Period	Cumulative
Agriculture	9	0.0	0.0	143.4	143.4	1,592.9	0.0	0.0	503.8	503.8
Chaparral	39,884	0.0	0.0	18,514.8	18,514.8	46.4	0.0	0.0	886.1	886.1
Coastal Sage Scrub	44,254	0.0	0.0	11,590.8	11,590.8	26.2	0.0	0.0	1,169.4	1,169.4
Coastal Sage-Chaparral Scrub	1,325	0.0	0.0	173.4	173.4	13.1	0.0	0.0	17.6	17.6
Disturbed Land	9	0.0	0.0	147.6	147.6	1,639.5	0.0	2.7	182.4	182.4
Disturbed Wetland	90	0.0	0.0	24.0	24.0	26.6	0.0	0.0	7.6	7.6
Eucalyptus Woodland	120	0.0	0.0	16.4	16.4	13.7	0.0	0.0	0.4	0.4
Freshwater Marsh	238	0.0	0.0	18.3	18.3	7.7	0.0	0.0	0.1	0.1
Grassland	3,566	0.0	0.0	480.7	480.7	13.5	0.0	0.0	102.1	102.1
Natural Floodchannel	344	0.0	0.0	18.6	18.6	5.4	0.0	0.0	2.1	2.1
Oak Riparian Forest	2,194	0.0	0.0	187.4	187.4	8.5	0.0	0.0	67.1	67.1
Oak Woodland	2,206	0.0	0.0	297.0	297.0	13.5	0.0	0.0	40.6	40.6
Open Water	149	0.0	0.0	5.2	5.2	3.5	0.0	0.0	2.0	2.0
Riparian Forest	348	0.0	0.0	177.7	177.7	51.0	0.0	0.0	8.7	8.7
Riparian Scrub	760	0.0	0.0	38.9	38.9	5.1	0.0	0.0	13.8	13.8
Riparian Woodland	20	0.0	0.0	4.0	4.0	20.1	0.0	0.0	0.0	0.0

County of San Diego

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TABLE 2 Cont.

Summary of Habitat Losses and Gains

Pre-1998 Reports

Begin Period: January 1, 1980

End Period: December 31, 1997

Duration in days: 6,575

Habitat Type	Target/Net Conservation	Inside the Habitat Preserve					Outside the Habitat Preserve			
		Habitat Loss		Habitat Gain			Habitat Loss		Habitat Gain	
		Current Period	Cumulative	Current Period	Cumulative	Conserved to Date %	Current Period	Cumulative	Current Period	Cumulative
Shallow Bays		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Southern Maritime Chaparral	5	0.0	0.0	5.7	5.7	114.1	0.0	0.0	26.3	26.3
Tecate Cypress Forest	5,589	0.0	0.0	5,243.1	5,243.1	93.8	0.0	0.0	0.1	0.1
Urban/Developed		0.0	0.0	38.8	38.8	0.0	0.0	0.0	393.6	393.6
Grand Total:		0.0	0.0	37,125.7	37,125.7		0.0	2.7	3,423.9	3,423.9

TABLE 3

Summary of Habitat Losses and Gains

1999 Reports

Begin Period: January 1, 1999

End Period: December 31, 1999

Duration in days: 365

Habitat Type	Target/Net Conservation	Inside the Habitat Preserve					Outside the Habitat Preserve			
		Habitat Loss		Habitat Gain			Habitat Loss		Habitat Gain	
		Current Period	Cumulative	Current Period	Cumulative	Conserved to Date %	Current Period	Cumulative	Current Period	Cumulative
Agriculture	9	5.9	5.9	6.5	315.4	3,504.7	88.4	191.2	42.7	1,155.8
Chaparral	39,884	7.7	24.5	1,989.3	22,672.2	56.8	94.9	354.0	614.8	1,920.8
Coastal Sage Scrub	44,254	34.9	61.0	1,315.5	15,668.3	35.4	45.3	107.5	294.8	1,594.4
Coastal Sage-Chaparral Scrub	1,325	0.0	0.0	321.3	530.3	40.0	14.1	14.1	222.8	283.2
Disturbed Land	9	8.1	14.1	5.2	245.0	2,722.4	27.8	45.3	17.5	203.9
Disturbed Wetland	90	0.0	0.0	0.0	55.6	61.8	0.6	16.6	0.2	23.0
Eucalyptus Woodland	120	3.8	3.8	1.3	21.3	17.7	25.5	25.5	0.2	0.6
Freshwater Marsh	238	0.0	0.0	0.3	39.3	16.5	0.0	0.0	5.7	20.2
Grassland	3,566	0.1	0.6	22.1	701.5	19.7	47.0	115.1	113.1	231.1
Natural Floodchannel	344	0.0	0.0	2.2	25.8	7.5	0.0	0.0	0.1	2.2
Oak Riparian Forest	2,194	1.2	1.2	65.4	468.6	21.4	5.8	8.2	29.4	104.4
Oak Woodland	2,206	1.4	1.8	165.1	496.8	22.5	3.1	5.6	39.7	112.0
Open Water	149	0.0	0.0	0.0	8.0	5.3	0.0	0.0	0.0	3.9
Riparian Forest	348	0.0	0.0	5.6	203.7	58.5	1.3	1.3	0.9	9.6
Riparian Scrub	760	0.0	0.3	5.6	59.2	7.8	1.0	1.5	0.4	14.2
Riparian Woodland	20	0.0	0.0	0.0	4.0	20.1	0.0	0.0	0.0	0.0

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TABLE 3 Cont.

Summary of Habitat Losses and Gains

1999 Reports

Begin Period: January 1, 1999

End Period: December 31, 1999

Duration in days: 365

Habitat Type	Target/Net Conservation	Inside the Habitat Preserve					Outside the Habitat Preserve			
		Habitat Loss		Habitat Gain			Habitat Loss		Habitat Gain	
		Current Period	Cumulative	Current Period	Cumulative	Conserved to Date %	Current Period	Cumulative	Current Period	Cumulative
Shallow Bays		0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Southern Maritime Chaparral	5	0.0	0.0	0.0	5.7	114.1	1.5	4.2	0.5	27.7
Tecate Cypress Forest	5,589	0.0	0.0	0.0	5,243.1	93.8	0.0	0.0	0.0	0.1
Urban/Developed		0.0	0.0	3.3	48.3	0.0	104.0	343.8	-73.2	498.6
Grand Total:		63.2	113.2	3,908.7	46,812.0		460.2	1,233.9	1,456.0	6,205.8

TABLE 4

Start Date: 1/1/99
End Date: 12/31/99
Duration in days: 365.00

Habitat Conservation Accounting Model

County of San Diego Pre-Approved Mitigation Area
Metro-Lakeside-Jamul Segment

1999 Reports

Habitat Type	Total Subarea Habitat Preserve	Conservation Target	Estimated Take	Conservation Ratio	Cumulative Conservation Inside Habitat Preserve	Max. Allowable Impacts for the Current Year	Actual Cumulative Loss for Current Year
Agriculture	0	0	0	0.00	291.75	0.00	94.36
Chaparral	56,143	18,619	37,524	0.50	7,769.17	17,844.32	101.54
Coastal Sage Scrub	40,070	18,626	21,444	0.87	5,344.75	7,682.44	80.23
Coastal Sage-Chaparral Scrub	2,926	1,152	1,774	0.65	464.11	820.63	14.11
Disturbed Land	0	0	0	0.00	119.45	0.00	35.93
Disturbed Wetland	108	52	56	0.93	38.46	42.88	0.57
Eucalyptus Woodland	367	41	326	0.13	3.01	54.11	29.27
Freshwater Marsh	36	15	21	0.71	6.74	10.59	0.00
Grassland	5,373	1,603	3,770	0.43	353.95	1,126.19	45.15
Natural Floodchannel	235	197	38	5.18	8.50	5.28	0.00
Oak Riparian Forest	4,170	2,045	2,125	0.96	410.65	596.54	6.93
Oak Woodland	4,682	1,901	2,781	0.68	449.81	870.33	4.50
Open Water	238	124	114	1.09	0.95	12.19	0.00
Riparian Forest	205	84	121	0.69	22.77	41.62	1.33
Riparian Scrub	760	298	462	0.65	8.89	58.60	1.02
Riparian Woodland	12	6	6	1.00	4.03	4.23	0.00
Southern Maritime Chaparral	52	0	52	0.00	0.00	0.00	1.45
Urban/Developed	17	0	17	0.00	12.39	0.00	103.30
Grand Total:					15,309.37		519.69

TABLE 5

Summary of Project Losses

Start Date: January 01, 1999
End Date: December 31, 1999
Duration in days: 365

Project Tracking #	Project Name	Location	Applicant	APN	Date of Loss	Status	CEQA Doc. #	Activity Type	Inside Habitat Preserve	Acres
99-004	La Mesa Court	Metro-Lakeside -Jamul	Carey, Paul	396-220-49 398-100-12 399-020-17 399-270-09 400-095-02 402-270-18 402-280-40 402-281-60 402-281-68 403-151-04 498-400-14	5/1/99	Loss		Single-Family Residential	No	6.90
99-005	Security Trust BP	Metro-Lakeside -Jamul	Security Trust Co	403-151-02 403-320-19 404-340-48 404-341-38 404-350-07 404-431-15 404-441-44 404-460-11 404-470-19 514-470-08	3/18/99	Loss		Single-Family Residential	No	16.70

TABLE 5 Cont.

Project Tracking #	Project Name	Location	Applicant	APN	Date of Loss	Status	CEQA Doc. #	Activity Type	Inside Habitat Preserve	Acres
99-007	Ivy LLC BP	Metro-Lakeside -Jamul	Ivy LLC	504-400-01 504-400-22 519-040-39 519-093-25 520-271-13 520-320-13 585-090-45 597-250-18 600-121-19 602-062-30	4/15/99	Loss		Single-Family Residential	No	14.54
99-008	Fridken BP	Metro-Lakeside -Jamul	Friedken, Thomas	268-350-01 515-100-15 515-162-16 515-162-19 515-162-25 515-162-30 515-162-31 515-162-32 516-050-10 516-050-12 517-021-48 518-020-50 597-262-14	4/21/99	Loss		Single-Family Residential	No	47.64

TABLE 5 Cont.

Project Tracking #	Project Name	Location	Applicant	APN	Date of Loss	Status	CEQA Doc. #	Activity Type	Inside Habitat Preserve	Acres
99-010	Shea BP	Metro-Lakeside -Jamul	Shea Homes	517-131-28 596-070-82 596-280-08 597-042-07 597-181-11 597-230-45 597-230-46 597-230-51 597-230-52 597-241-02 597-270-05	5/4/99	Loss		Single-Family Residential	No	16.59
99-011	Barnard BP	Metro-Lakeside -Jamul	Barnard, Randy	522-021-04 559-221-57 596-300-03 597-280-44 599-080-14 599-101-16 599-170-10 599-220-76 599-220-88 599-221-49 599-221-56	6/17/99	Loss		Single-Family Residential	No	8.40
99-012	Gonya BP	Metro-Lakeside -Jamul	Gonya Enterprises	402-430-01 596-062-54	7/1/99	Loss		Single-Family Residential	No	25.78
99-013	Sipo BP	Metro-Lakeside -Jamul	Sipo, Said	519-093-76	7/20/99	Loss		Single-Family Residential	No	12.83

TABLE 5 Cont.

Project Tracking #	Project Name	Location	Applicant	APN	Date of Loss	Status	CEQA Doc. #	Activity Type	Inside Habitat Preserve	Acres
99-014	Cottrell BP	Metro-Lakeside -Jamul	Cottrell Family Trust	404-012-43	2/16/99	Loss		Single-Family Residential	No	6.46
99-015	Cosri BP	Metro-Lakeside -Jamul	Corsi, Rita	515-082-65	2/19/99	Loss		Single-Family Residential	No	2.71
99-016	Williams BP	Metro-Lakeside -Jamul	Williams, Gene	397-050-59	2/19/99	Loss		Single-Family Residential	No	1.97
99-017	Boerner BP	Metro-Lakeside -Jamul	Boerner, Nancy	396-051-48	6/29/99	Loss		Single-Family Residential	No	8.19
99-018	Jarrell Bp	Metro-Lakeside -Jamul	Jarrell, Lester	599-061-28	7/12/99	Loss		Single-Family Residential	No	8.95
99-019	Topmark Community BP	Metro-Lakeside -Jamul	Gray, Bud	999-999-99	9/23/99	Loss		Single-Family Residential	No	3.05
99-020	Hidden Mesa BP	Metro-Lakeside -Jamul	none	515-092-41	10/4/99	Loss		Single-Family Residential	No	1.43
99-021	Kevgar BP	Metro-Lakeside -Jamul	Kevgar CO LLC	398-400-52	11/12/99	Loss		Single-Family Residential	No	2.17
99-022	Sittu BP	Metro-Lakeside -Jamul	Sittu, Sabah	502-100-61	12/17/99	Loss		Rural Residential	No	1.37
99-023	Johnson Lake	Metro-Lakeside -Jamul	none	375-170-12	12/22/99	Loss		Single-Family Residential	No	6.53
99-024	Swaim BP	Metro-Lakeside -Jamul	Swaim, Ronnie	398-120-50	1/1/99	Loss		Single-Family Residential	No	0.77
99-025	Kerrigan BP	Metro-Lakeside -Jamul	Kerrigan, Thomas	596-024-17	1/1/99	Loss		Single-Family Residential	No	1.01
99-027	Silverwood BP	Metro-Lakeside -Jamul	Silverwood, James	303-030-07	1/1/99	Loss		Single-Family Residential	No	4.30
99-028	Allos BP	Metro-Lakeside -Jamul	Allos, Khalid	324-050-26	1/1/99	Loss		Single-Family Residential	No	6.24
99-029	Barratt BP	Metro-Lakeside -Jamul	Barratt American Inc	237-150-57	1/1/99	Loss		Single-Family Residential	No	38.08
99-031	Mongiello BP	Metro-Lakeside -Jamul	Mongiello, Michael	269-193-39	5/1/99	Loss		Single-Family Residential	No	1.71

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TABLE 5 Cont.

Project Tracking #	Project Name	Location	Applicant	APN	Date of Loss	Status	CEQA Doc. #	Activity Type	Inside Habitat Preserve	Acres
99-032	Fuller BP	Metro-Lakeside -Jamul	Fuller, Gary	599-101-16	1/1/99	Loss		Single-Family Residential	No	3.50
99-033	Day BP	Metro-Lakeside -Jamul	Day, Loren	599-080-14	1/1/99	Loss		Single-Family Residential	No	1.95
99-034	Degan BP	Metro-Lakeside -Jamul	Degan, Dennis	599-170-10	10/21/99	Loss		Single-Family Residential	No	2.60
99-035	Burns BP	Metro-Lakeside -Jamul	Burns, Lawrence	599-221-49	1/1/99	Loss		Single-Family Residential	No	5.16
99-036	Kahl BP	Metro-Lakeside -Jamul	Kahl, Brian	599-221-57	1/1/99	Loss		Single-Family Residential	No	16.08
99-037	Tibbot BP	Metro-Lakeside -Jamul	Tibbot, Kenneth	599-220-76	1/1/99	Loss		Single-Family Residential	No	11.43
99-038	Broderick BP	Metro-Lakeside -Jamul	Broderick, Craig	597-280-44	1/1/99	Loss		Single-Family Residential	No	1.03
99-039	Tosten BP	Metro-Lakeside -Jamul	Tosten, Deevinda	597-280-44	5/1/99	Loss		Single-Family Residential	No	2.85
99-040	Johnson BP	Metro-Lakeside -Jamul	Johnson, Micheal	597-241-02	1/1/99	Loss		Single-Family Residential	No	2.67
99-041	Jackel BP	Metro-Lakeside -Jamul	Jackel	597-230-51	1/1/99	Loss		Single-Family Residential	No	2.04
99-042	Amato BP	Metro-Lakeside -Jamul	Amato, Dale	597-230-46	1/1/99	Loss		Single-Family Residential	No	1.03
99-043	Clough BP	Metro-Lakeside -Jamul	Clough, Kevin	597-230-45	1/1/99	Loss		Single-Family Residential	No	1.15
99-044	Casillas BP	Metro-Lakeside -Jamul	Casillas, Jesus	597-181-11	10/25/99	Loss		Single-Family Residential	No	1.51
99-045	Morris BP	Metro-Lakeside -Jamul	Morris, Alton	597-181-11	5/1/99	Loss		Single-Family Residential	No	1.17
99-046	Vuksanovic BP	Metro-Lakeside -Jamul	Vuksanovic, Dusan	597-181-11	5/1/99	Loss		Single-Family Residential	No	1.15
99-047	Jackel 2 BP	Metro-Lakeside -Jamul	Jackel, Dale	597-230-52	1/1/99	Loss		Single-Family Residential	No	1.23

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TABLE 5 Cont.

Project Tracking #	Project Name	Location	Applicant	APN	Date of Loss	Status	CEQA Doc. #	Activity Type	Inside Habitat Preserve	Acres
99-048	Schneemann BP	Metro-Lakeside -Jamul	Schneeman, Michael	597-230-52	5/1/99	Loss		Single-Family Residential	No	1.14
99-049	Azevedo BP	Metro-Lakeside -Jamul	Azevedo, John	579-283-30	11/5/99	Loss		Single-Family Residential	No	0.15
99-050	Cirello BP	Metro-Lakeside -Jamul	Cirello, Bruno	520-320-26	1/1/99	Loss		Single-Family Residential	No	2.24
99-051	Heesch BP	Metro-Lakeside -Jamul	Heesch, Christopher	520-320-11	1/1/99	Loss		Single-Family Residential	No	2.08
99-052	Polasky BP	Metro-Lakeside -Jamul	polasky, Nathan	520-320-11	5/1/99	Loss		Single-Family Residential	No	2.00
99-053	Halm BP	Metro-Lakeside -Jamul	Halm, Terrance	520-271-08	1/1/99	Loss		Single-Family Residential	No	2.40
99-054	Mitchell BP	Metro-Lakeside -Jamul	Cohen, Daniel	520-271-08	5/1/99	Loss		Single-Family Residential	No	2.07
99-055	Waitley BP	Metro-Lakeside -Jamul	REI-NC L L C	520-050-27	5/1/99	Loss		Single-Family Residential	No	1.08
99-056	Regal Western BP	Metro-Lakeside -Jamul	Regal Western Inc	520-050-26	5/1/99	Loss		Single-Family Residential	No	0.71
99-057	Bonney BP	Metro-Lakeside -Jamul	Bonney, Don	519-110-24	1/1/99	Loss		Single-Family Residential	No	1.16
99-058	Dunham BP	Metro-Lakeside -Jamul	Dunham, Richard	519-040-08	1/1/99	Loss		Single-Family Residential	No	1.22
99-059	Tracy BP	Metro-Lakeside -Jamul	Tracy, Edward	518-020-50	5/1/99	Loss		Single-Family Residential	No	1.01
99-060	Box BP	Metrop-Lakesid e-Jamul	Box, Charles	517-021-48	1/1/99	Loss		Single-Family Residential	No	2.03
99-061	Miller BP	Metro-Lakeside -Jamul	Matamo Investors	516-050-12	5/1/99	Loss		Single-Family Residential	No	2.53
99-062	Kennedy BP	Metro-Lakeside -Jamul	Kennedy, Michael	516-050-10	1/1/99	Loss		Single-Family Residential	No	0.96
99-063	Van Sise BP	Metro-Lakeside -Jamul	Gonya Enterprises	516-162-30	5/1/99	Loss		Single-Family Residential	No	0.89

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TABLE 5 Cont.

Project Tracking #	Project Name	Location	Applicant	APN	Date of Loss	Status	CEQA Doc. #	Activity Type	Inside Habitat Preserve	Acres
99-065	DeCaro BP	Metro-Lakeside -Jamul	DeCaro, James	515-162-16	1/1/99	Loss		Single-Family Residential	No	0.62
99-066	Dennison BP	Metro-Lakeside -Jamul	Dennison, Shawn	515-162-19	1/1/99	Loss		Single-Family Residential	No	0.53
99-067	Burke BP	Metro-Lakeside -Jamul	Burke, Jim	597-262-14	1/1/99	Loss		Single-Family Residential	No	2.37
99-068	Yono BP	Metro-Lakeside -Jamul	Yono, Amer	515-100-15	5/1/99	Loss		Single-Family Residential	No	2.98
99-069	Airtouch BP	Metro-Lakeside -Jamul	Airtouch Cellular	585-090-45	1/1/99	Loss		Single-Family Residential	No	1.11
99-070	Connors BP	Metro-Lakeside -Jamul	Connors, Danny	600-121-19	9/14/99	Loss		Single-Family Residential	No	0.65
99-071	Dallo BP	Metro-Lakeside -Jamul	Dallo, Mona	519-093-25	1/1/99	Loss		Single-Family Residential	No	8.22
99-072	Henderson BP	Metro-Lakeside -Jamul	Henderson, Rodney	520-271-13	1/1/99	Loss		Single-Family Residential	No	1.96
99-073	Browning BP	Metro-Lakeside -Jamul	Browning, Joe	520-320-13	1/1/99	Loss		Single-Family Residential	No	2.17
99-074	Yakubik BP	Metro-Lakeside -Jamul	Yakubik, William	597-250-18	1/1/99	Loss		Single-Family Residential	No	2.70
99-075	Elizalde BP	Metro-Lakeside -Jamul	Elizalde, Salvador	602-062-30	11/9/99	Loss		Single-Family Residential	No	4.40
99-076	Cates BP	Metro-Lakeside -Jamul	Cates, Christopher	519-040-39	1/1/99	Loss		Single-Family Residential	No	1.48
99-077	Cvek BP	Metro-Lakeside -Jamul	Cvek, Thomas	401-121-21	1/19/99	Loss		Single-Family Residential	No	1.42
99-078	Wilke BP	Metro-Lakeside -Jamul	REI-NC L L C	515-162-13	9/21/99	Loss		Single-Family Residential	No	0.30
99-079	Williams BP	Metro-Lakeside -Jamul	Williams, Richard	515-162-09	1/1/99	Loss		Single-Family Residential	No	0.48
99-080	Dann BP	Metro-Lakeside -Jamul	Dann, Robert	515-082-58	1/1/99	Loss		Single-Family Residential	No	1.99

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TABLE 5 Cont.

Project Tracking #	Project Name	Location	Applicant	APN	Date of Loss	Status	CEQA Doc. #	Activity Type	Inside Habitat Preserve	Acres
99-081	Barton BP	Metro-Lakeside -Jamul	Barton, John	510-090-02	7/1/99	Loss		Single-Family Residential	No	1.03
99-082	Chance BP	Metro-Lakeside -Jamul	Chance, Robert	515-081-65	1/1/99	Loss		Single-Family Residential	No	1.53
99-083	Kachi BP	Metro-Lakeside -Jamul	Kachi, Khalid	515-101-25	1/1/99	Loss		Single-Family Residential	No	1.59
99-084	Shackelford BP	Metro-Lakeside -Jamul	Shackelford, Margaret	509-010-06	5/1/99	Loss		Single-Family Residential	No	0.73
99-085	St. John BP	Metro-Lakeside -Jamul	St. John, Pete	498-390-02	5/1/99	Loss		Single-Family Residential	No	1.20
99-086	Bahm BP	Metro-Lakeside -Jamul	Bahm, Keith	404-470-19	1/1/99	Loss		Single-Family Residential	No	1.58
99-087	Bass BP	Metro-Lakeside -Jamul	Bass, Johnny	404-460-11	1/1/99	Loss		Single-Family Residential	No	2.07
99-088	Vilett BP	Metro-Lakeside -Jamul	Vilett, Peter	404-441-44	5/1/99	Loss		Single-Family Residential	No	1.02
99-089	Conway BP	Metro-Lakeside -Jamul	Conway, Jerry	404-434-15	1/1/99	Loss		Single-Family Residential	No	1.76
99-090	McLean BP	Metro-Lakeside -Jamul	Rogers Living Trust	404-350-07	1/1/99	Loss		Single-Family Residential	No	0.94
99-091	Toon BP	Metro-Lakeside -Jamul	Toon, William	404-341-38	5/1/99	Loss		Single-Family Residential	No	1.05
99-092	Marshall BP	Metro-Lakeside -Jamul	Logan Terria	404-340-48	1/1/99	Loss		Single-Family Residential	No	2.16
99-093	Sky Mesa BP	Metro-Lakeside -Jamul	Sky Mesa Estates	403-521-14	11/16/99	Loss		Single-Family Residential	No	18.53
99-094	Pritchette BP	Metro-Lakeside -Jamul	Pritchette, Bernice	403-320-19	9/10/99	Loss		Single-Family Residential	No	0.31
99-095	Turner BP	Metro-Lakeside -Jamul	Truner Family Trust	403-151-04	5/1/99	Loss		Single-Family Residential	No	2.23
99-096	Morgan BP	Metro-Lakeside -Jamul	REI-NC	402-281-68	5/1/99	Loss		Single-Family Residential	No	1.23

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TABLE 5 Cont.

Project Tracking #	Project Name	Location	Applicant	APN	Date of Loss	Status	CEQA Doc. #	Activity Type	Inside Habitat Preserve	Acres
99-097	Klucewich BP	Metro-Lakeside -Jamul	Klucewich, Josh	402-281-60	1/1/99	Loss		Single-Family Residential	No	4.25
99-098	Long BP	Metro-Lakeside -Jamul	Urban Genevieve	402-280-40	9/21/99	Loss		Single-Family Residential	No	1.14
99-099	Gabler BP	Metro-Lakeside -Jamul	Gabler, James	402-270-18	1/1/99	Loss		Single-Family Residential	No	4.36
99-100	Laxon BP	Metro-Lakeside -Jamul	Laxon, Randall	400-095-02	1/1/99	Loss		Single-Family Residential	No	1.07
99-101	Marino BP	Metro-Lakeside -Jamul	Marino, Victoria	399-270-09	1/1/99	Loss		Single-Family Residential	No	0.16
99-102	Gibson BP	Metro-Lakeside -Jamul	Gibson, John	399-020-17	1/1/99	Loss		Single-Family Residential	No	2.99
99-103	Zachary BP	Metro-Lakeside -Jamul	Zachary, Elmer	272-100-34 398-100-12	10/19/99	Loss		Single-Family Residential	No	0.35
99-104	Caster BP	Metro-Lakeside -Jamul	Caster, Jeffry	396-220-49	1/1/99	Loss		Single-Family Residential	No	2.92
99-105	Lekos BP	Metro-Lakeside -Jamul	Lekos Family Trust	396-220-48	1/1/99	Loss		Single-Family Residential	No	6.39
99-106	Barnhill BP	Metro-Lakeside -Jamul	Barnhill, Scott	396-220-36	1/1/99	Loss		Single-Family Residential	No	1.54
99-107	Danos BP	Metro-Lakeside -Jamul	Danos, Athon	396-191-09	1/1/99	Loss		Single-Family Residential	No	2.16
99-108	Gilbert BP	Metro-Lakeside -Jamul	Gilbert, Gregory	396-042-54	12/7/99	Loss		Single-Family Residential	No	2.12
99-109	Heztzog BP	Metro-Lakeside -Jamul	Rainbolt, John	393-040-35	1/1/99	Loss		Single-Family Residential	No	1.25
99-110	Lakeside Water BP	Metro-Lakeside -Jamul	Lakeside Water District	393-040-35	1/1/99	Loss		Single-Family Residential	No	5.71
99-111	Sloan BP	Metro-Lakeside -Jamul	Sloan, Darryl	391-060-51	1/1/99	Loss		Single-Family Residential	No	2.65

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TABLE 5 Cont.

Project Tracking #	Project Name	Location	Applicant	APN	Date of Loss	Status	CEQA Doc. #	Activity Type	Inside Habitat Preserve	Acres
99-112	Carnavale BP	Metro-Lakeside -Jamul	Carnavale, Keith	329-132-16	11/24/99	Loss		Single-Family Residential	No	3.85
99-113	Bonnin BP	Metro-Lakeside -Jamul	Bonnin, Ronald	324-010-71	1/1/99	Loss		Single-Family Residential	No	8.32
99-114	Alhamrani BP	Metro-Lakeside -Jamul	Alhamrani, Mohamed	305-091-09	10/12/99	Loss		Single-Family Residential	No	0.74
99-115	Penner BP	Metro-Lakeside -Jamul	Penner, Ethan	305-071-34	1/1/99	Loss		Single-Family Residential	No	1.71
99-116	Tubis BP	Metro-Lakeside -Jamul	Tubis, Eliot	305-071-21	1/1/99	Loss		Single-Family Residential	No	0.40
99-117	A.W. Properties BP	Metro-Lakeside -Jamul	AW Properties	305-071-12	11/17/99	Loss		Single-Family Residential	No	0.97
99-118	Bundman BP	Metro-Lakeside -Jamul	Bundman, Scott	303-101-08	1/1/99	Loss		Single-Family Residential	No	1.94
99-119	Pretera BP	Metro-Lakeside -Jamul	Pretera, Laureta	303-090-21	5/1/99	Loss		Single-Family Residential	No	0.62
99-120	Karis BP	Metro-Lakeside -Jamul	Sirak LLC	303-061-34	1/1/99	Loss		Single-Family Residential	No	1.02
99-121	Libri BP	Metro-Lakeside -Jamul	Libri Partners	303-060-46	1/1/99	Loss		Single-Family Residential	No	5.07
99-122	Kluzek BP	Metro-Lakeside -Jamul	Khuzek Family Trust	303-040-32	1/1/99	Loss		Single-Family Residential	No	0.86
99-123	Ward BP	Metro-Lakeside -Jamul	Ward, Phillip	303-030-13	1/1/99	Loss		Single-Family Residential	No	2.64
99-124	Sarver BP	Metro-Lakeside -Jamul	Sarver Robert	303-030-08	5/1/99	Loss		Single-Family Residential	No	3.77
99-125	Libri BP	Metro-Lakeside -Jamul	Libri Partners	303-026-43	11/17/99	Loss		Single-Family Residential	No	1.28
99-126	Coble BP	Metro-Lakeside -Jamul	McCinish, Dennis	285-030-49	1/1/99	Loss		Single-Family Residential	No	1.70
99-127	Lott BP	Metro-Lakeside -Jamul	Lott, Randy	285-022-54	1/1/99	Loss		Single-Family Residential	No	1.04

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TABLE 5 Cont.

Project Tracking #	Project Name	Location	Applicant	APN	Date of Loss	Status	CEQA Doc. #	Activity Type	Inside Habitat Preserve	Acres
99-128	Stockwell BP	Metro-Lakeside -Jamul	Stockwell, Gary	285-011-43	5/1/99	Loss		Single-Family Residential	No	2.05
99-129	McGee BP	Metro-Lakeside -Jamul	McGee	239-360-28	1/1/99	Loss		Single-Family Residential	No	1.81
99-130	Michelsen BP	Metro-Lakeside -Jamul	Michelsen, Matt	267-147-13	1/1/99	Loss		Single-Family Residential	No	2.44
99-131	Noble BP	Metro-Lakeside -Jamul	Noble, Robert	268-180-43	5/1/99	Loss		Single-Family Residential	No	3.10
99-132	Allred BP	Metro-Lakeside -Jamul	Allred	268-180-45	12/13/99	Loss		Single-Family Residential	No	3.00
99-133	Barrelet BP	Metro-Lakeside -Jamul	Barrelet, Blaise	269-071-24	11/1/99	Loss		Single-Family Residential	No	2.33
99-134	Harrison BP	Metro-Lakeside -Jamul	Harrison, Miyahira	269-151-31	1/1/99	Loss		Single-Family Residential	No	1.32
99-135	Napa BP	Metro-Lakeside -Jamul	Napa Enterprises	269-162-29	5/1/99	Loss		Single-Family Residential	No	1.87
99-136	Dolan BP	Metro-Lakeside -Jamul	Dolan, William	269-183-44	1/1/99	Loss		Single-Family Residential	No	2.06
99-137	Mack BP	Metro-Lakeside -Jamul	Mack Family Trust	269-181-12	1/1/99	Loss		Single-Family Residential	No	1.21
				514-301-01						
				514-301-01						
				514-470-01						
				514-470-01						
				514-470-06						
				514-470-06						
				514-470-08						
				514-470-08						
				514-470-16						
				514-470-16						

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TABLE 5 Cont.

Project Tracking #	Project Name	Location	Applicant	APN	Date of Loss	Status	CEQA Doc. #	Activity Type	Inside Habitat Preserve	Acres
99-139	Barclay BP	Metro-Lakeside -Jamul	Barclay Family Trust	269-201-13	1/1/99	Loss		Single-Family Residential	No	2.51
99-140	Leng BP	Metro-Lakeside -Jamul	Leng, Bernard	269-202-02	10/20/99	Loss		Single-Family Residential	No	1.70
99-141	North County BP	Metro-Lakeside -Jamul	North County Development	278-382-16	10/8/99	Loss		Single-Family Residential	No	4.79
99-142	Cano BP	Metro-Lakeside -Jamul	Cano, Tony	272-100-34	1/1/99	Loss		Single-Family Residential	No	1.55
99-143	Blakely BP	Metro-Lakeside -Jamul	Blakely, Harold	285-011-42	1/1/99	Loss		Single-Family Residential	No	2.01
99-161	Champagne BP	Metro-Lakeside -Jamul	Champagne, Arthur	522-250-21	1/1/99	Loss		Single-Family Residential	No	1.98
99-162	Caliger BP	Metro-Lakeside -Jamul	Caliger, Anthony	600-050-56	3/2/99	Loss		Single-Family Residential	No	2.96
99-163	Herzog BP	Metro-Lakeside -Jamul	Herzog, Leon	652-020-11	4/26/99	Loss		Single-Family Residential	No	5.26
99-164	Pitt BP	Metro-Lakeside -Jamul	Pitt, Douglas	518-050-21	8/25/99	Loss		Single-Family Residential	No	1.79
99-165	Merlino BP	Metro-Lakeside -Jamul	Merlino, Gene	600-040-39	3/19/99	Loss		Single-Family Residential	No	4.29
99-166	Morwes BP	Metro-Lakeside -Jamul	Morwes Associates	404-220-51	7/14/99	Loss		Single-Family Residential	No	1.28
99-167	Rogers BP	Metro-Lakeside -Jamul	Rogers Living Trust	404-350-17	5/1/99	Loss		Single-Family Residential	No	0.97
99-169	Anderson BP	Metro-Lakeside -Jamul	Anderson, Michael	522-021-04	5/1/99	Loss		Single-Family Residential	No	1.17
99-170 143	Vanevery BP	Metro-Lakeside -Jamul	Vanevery, Frederick	403-151-02	5/1/99	Loss		Single-Family Residential	No	1.00
Total Acres Lost:										526.32

TABLE 6

Summary of Project Gains

Start Date: January 01, 1999
End Date: December 31, 1999
Duration in days: 365

Project Tracking #	Project Name	Location	APN	Applicant	Date Cons.	Mgmt. Resp.	Status	Conservation Type	Inside Habitat Preserve	Mit. Bank Credits	Acres
98-43	Lakeside 1	Metro-Lakeside-Jamul	394-430-010 394-470-180 394-470-190 394-470-200 397-020-560 397-020-570 397-030-140 397-030-290 397-030-430 397-030-440 397-030-450 397-060-660 397-061-110	County of San Diego	12/31/99	Local	Gain	Acquisition	Yes		93.19
98-5	Golem Trust	Lake Hodges	678-060-230 678-060-240 678-060-270	Mike Shapouri	1/1/99	Private/Non-Profit	Gain	Easement	No		13.52
99-001	Bernardo Lakes	Lake Hodges Segment		County of San Diego	3/18/99	Local	Gain	Easement	Yes		12.44
99-002	The Pointe	South County Segment		Atlas Homes	5/12/99	Local	Gain	Easement	Yes		128.22
99-003	Brody PM	Lake Hodges Segment		Brody, David	7/16/99	Local	Gain	Easement	No		1.03
99-004	La Mesa Court	Metro-Lakeside-Jamul	498-400-01 498-400-19	Ivy Street L L C	2/25/99	Local	Gain	Easement	No		12.56
99-005	Security Trust BP	Metro-Lakeside-Jamul	514-301-01	Security Trust Co	3/18/99	Local	Gain	Easement	No		22.32

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TABLE 6 Cont.

Project Tracking #	Project Name	Location	APN	Applicant	Date Cons.	Mgmt. Resp.	Status	Conservation Type	Inside Habitat Preserve	Mlt. Bank Credits	Acres
99-006	Skyline BP	Metro-Lakesid e-Jamul	324-050-24 401-121-21 506-140-01	Skyline Wesleyan church	3/19/99	Local	Gain	Easement	Yes		52.58
99-009	Crestridge	Metro-Lakesid e-Jamul	401-220-01	State of California	4/29/99	State	Gain	Dedication	Yes		2,432.75
99-011	Barnard BP	Metro-Lakesid e-Jamul	596-300-03	Barnard, Randy	6/17/99	Local	Gain	Easement	No		8.30
99-012	Gonya BP	Metro-Lakesid e-Jamul	402-430-02	Gonya Enterprises	7/1/99	Local	Gain	Easement	No		7.88
99-013	Sipo BP	Metro-Lakesid e-Jamul	519-093-76	Sipo, Said	7/20/99	Local	Gain	Easement	No		0.48
99-016	Williams BP	Metro-Lakesid e-Jamul	397-050-01	Williams, Gene	2/19/99	Local	Gain	Easement	Yes		1.51
99-018	Jarrell BP	Metro-Lakesid e-Jamul	599-061-17	Jarrell, Lester	7/12/99	Local	Gain	Easement	Yes		9.86
99-019	Topmark Communities - L3041	Metro-Lakesid e-Jamul	520-031-29	Bud Gray	9/23/99	Local	Gain	Easement	No		29.07
99-020	Hidden Mesa BP	Metro-Lakesid e-Jamul	515-092-41	none	10/4/99	Local	Gain	Easement	No		1.43
99-023	Johnson Lake OS	Metro-Lakesid e-Jamul	375-171-01	none	12/22/99	Local	Gain	Easement	No		26.17
99-028	Allos BP	Metro-Lakesid e-Jamul	324-050-26	Allos, Khalid	1/1/99	Local	Gain	Easement	Yes		6.71
99-031	Mongecillo BP	Metro-Lakesid e-Jamul	596-062-54	Mongiello, Michael	1/1/99	Local	Gain	Easement	Yes		8.95
99-035	Burns BP	Metro-Lakesid e-Jamul	599-221-49	Burns, Lawrence	1/1/99	Local	Gain	Easement	No		3.50
99-036	Kahl BP	Metro-Lakesid e-Jamul	599-221-57	Kahl, Brian	1/1/99	Local	Gain	Easement	No		6.89

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TABLE 6 Cont.

Project Tracking #	Project Name	Location	APN	Applicant	Date Cons.	Mgmt. Resp.	Status	Conservation Type	Inside Habitat Preserve	Mit. Bank Credits	Acres
99-056	Regal Western BP	Metro-Lakeside-Jamul	520-050-26	Regal Western Inc	1/1/99	Local	Gain	Easement	No		1.66
99-077	Cvek BP	Metro-Lakeside-Jamul	401-121-21	Cvek, Thomas	1/19/99	Local	Gain	Easement	No		0.64
99-079	Williams BP	Metro-Lakeside-Jamul	515-162-09	Williams, Richard	1/1/99	Local	Gain	Easement	Yes		2.12
99-115	Penner BP	Metro-Lakeside-Jamul	305-071-34	Penner, Ethan	1/1/99	Local	Gain	Easement	No		0.47
99-168	Beach King BP	Metro-Lakeside-Jamul	515-040-15	Beach King Inc	5/1/99	Local	Gain	Easement	No		12.06
99-171	Calmat Option Final	Tijuana River Valley	664-010-21 664-010-26 664-010-40 664-010-45 664-010-48 664-010-49 664-010-50 664-010-53	County of San Diego	1/1/99	Local	Gain	Acquisition	No		28.63
99-172	Hamel	South County Segment	585-090-01	USFWS	1/1/99	Federal	Gain	Acquisition	No		80.10

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TABLE 6 Cont.

Project Tracking #	Project Name	Location	APN	Applicant	Date Cons.	Mgmt. Rep.	Status	Conservation Type	Inside Habitat Preserve	Mit. Bank Credits	Acres
99-173	McGinty Parcels	Metro-Lakeside-Jamul	516-011-16 516-021-06 517-041-04 517-041-07 517-041-08 517-041-09 517-041-10 517-041-11 517-041-12 517-041-15 517-050-08 517-050-12 517-050-13 517-050-14 517-050-15 517-050-18 517-060-02 517-060-03 517-060-09 517-060-10 517-060-11 517-060-13 517-060-14 517-060-15 517-060-16 517-060-17 517-071-01	USFWS	1/1/99	Federal	Gain	Acquisition	Yes		692.55
99-174	Boy Scouts	South County Segment	597-130-10 597-130-11	USFWS	1/1/99	Federal	Gain	Acquisition	Yes		87.93
99-175	Deguzman	South County Segment	585-080-05 585-080-07 585-080-09	USFWS	1/1/99	Federal	Gain	Acquisition	Yes		114.59
99-176	US Customs	South County Segment	596-030-23 596-041-10	USFWS	1/1/99	Federal	Gain	Acquisition	Yes		103.83

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TABLE 6 Cont.

Project Tracking #	Project Name	Location	APN	Applicant	Date Cons.	Mgmt. Resp.	Status	Conservation Type	Inside Habitat Preserve	Mit. Bank Credits	Acres
99-177	Beitman	South County Segment	585-130-06	USFWS	1/1/99	Federal	Gain	Acquisition	Yes		4.79
99-182	Boden Canyon	Metro-Lakeside-Jamul	243-110-01 243-110-02 243-110-04 243-110-05 243-150-01 243-150-02 599-061-17	CDFG	5/1/99	State	Gain	Acquisition	Yes		2,502.30
99-183	Rancho Jamul	Metro-Lakeside-Jamul	269-100-45 375-150-15 515-092-41 520-031-29 520-031-30 520-031-32 520-031-33 520-031-34 598-170-04 598-170-08 598-170-11	CDFG	5/1/99	State	Gain	Acquisition	Yes		386.67
Total Acres Conserved/Mitigation Bank Credits:										0	6,897.70

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TABLE 7 – MITIGATION BANKS

MITIGATION BANK	TOTAL CREDITS	CREDITS USED	REMAINING CREDITS
THE ENVIRONMENTAL TRUST			
LAKE HODGES – WALSH	48.37	14.99	33.38
LAKESIDE CURREN	6.19	6.19	0.00
McGINTY MTN.	355.81	229.78	126.03
O'NEAL CANYON	758.15	476.50	281.65
SAN VICENTE – I	320.00	93.42	226.58
UPHAM VERNAL POOLS	23.00	3.85	19.15
TOTALS	1,511.52	824.73	686.79
COUNTY OF SAN DIEGO			
BODEN CANYON*	39.50	23.50	16.00
RANCHO SAN DIEGO (County Acres)*	409.00	56.80	352.20
SINGING HILLS*	69.70	0.00	69.70
SWEETWATER*	23.00	4.54	18.46
OLD CASTLE (Not in MSCP)*	60.02	16.69	43.33
TOTALS	601.22	101.53	499.69
GRAND TOTALS	2,112.74	926.26	1,186.48
* Approved mitigation bank			

TABLE 8 – FEDERAL PURCHASES

PROJECT NAME	TOTAL ACRES	ACQUISITION DATE
FEDERAL AGENCIES		
RANCHO SAN DIEGO	1,840.00	4/10/96
NWFW/SMITH	255.00	8/6/97
SAN MIGUEL RANCH	1,686.00	8/97
TOTAL PRE-98	3,781.38	
LAS MONTAÑAS PHASE 1	318.00	3/27/98
SINGING HILLS	75.00	4/9/98
CONSERVATION FUND	15.00	8/98
HAMEL PHASE 1	52.55	8/98
DOENGES	87.00	10/98
LIKER	8.16	11/98
LAS MONTAÑAS PHASE 2	697.92	1/99 & 6/99
TOTALS 1998	1,187.15	
HAMEL PHASE 2	79.45	1/99
MCGINTY	697.92	1/99 & 6/99
GOMEZ/CUSTOMS	88.00	6/99
BOY SCOUTS	82.68	8/99
BEITMAN	5.00	11/99
DEGUZMAN	40.00	11/99
DEGUZMAN	34.00	12/99
DEGUZMAN	40.00	12/99
TOTALS 1999	1,067.05	

TABLE 9 – STATE PURCHASES

PROJECT NAME	TOTAL ACRES	ACQUISITION DATE
STATE AGENCIES		
MCGINTY MOUNTAIN	505.97	1989 – 1996
OTAY MOUNTAIN	920.00	1996
RANCHO JAMUL	4,285.21	1997
SEQUAN PEAK	1,533.21	1992 – 1997
TOTALS PRE-98	7,244.39	
BODEN CANYON	532.36	1998
SEQUAN PEAK	251.34	1998
TOTALS 1998	783.70	
BODEN CANYON	2,663.16	1999
CRESTRIDGE	2,389.78	1999
RANCHO JAMUL	687.78	1999
TOTALS 1999	5,740.78	

TABLE 10 – COUNTY PURCHASES

PROJECT NAME	TOTAL ACRES	ACQUISITION DATE
COUNTY OF SAN DIEGO		
TIJUANA RIVER VALLEY		
WEST/DYMONT	41.00	1/8/98
ARRIETTA	39.83	6/15/98
CALMAT OPTION 1	220.09	5/19/98
TOTALS 1998	300.92	
LUSARDI CREEK		
RANCHO VISTA	97.19	9/2/99
LAKESIDE LINKAGE		
HAM	46.41	1/29/99
HJMD	32.59	2/12/99
YUNIS	13.28	1/29/99
ARABO	9.06	10/29/99
TIJUANA RIVER VALLEY		
CALMAT OPTION FINAL	28.10	12/14/99
TOTALS 1999	226.63	